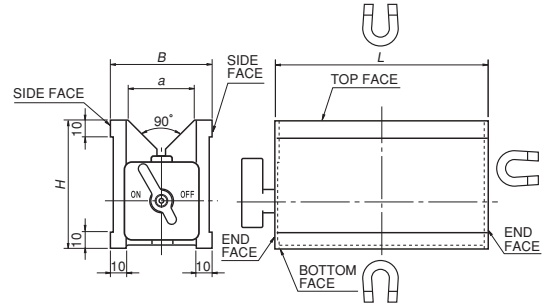## Model **KVA** MAGNETIC V-HOLDER

[Application]
Holding tools for round bar marking, drilling, tapping and grinding of irregular-shaped workpieces.
Holding tools for electric discharge machining and wire cutting.
Holding tools for three-dimensional measuring instruments and various measuring systems.

[Features]
● Workpieces can be held on the top face (V face), bottom face, and rear face.
● T-handle ON/OFF switch comes attached, but can be removed.
● They are of waterproof and oilproof construction.
● Super high accuracy finish is also available. Please contact us.

KVA-2A

KVA-1A

[mm(in)]

Model	Holding Power	Applicable Diameter	Dimensions				Mass
			B	H	L	a	
KVA-1A	300N(30kgf) or over	φ8～φ50	60(2.36)	73(2.87)	80(3.14)	38(1.49)	2kg/4.4 lb
KVA-2A	450N(45kgf) or over				125(4.92)		3kg/6.6 lb
KVA-3A	700N(70kgf) or over				180(7.08)		4.5kg/10 lb

※ The holding power applies to the V-face and φ20 round bar.　※For accuracy, see the table below.

Model **KVA-2F** MAGNETIC V-HOLDER

The first release in this design!!

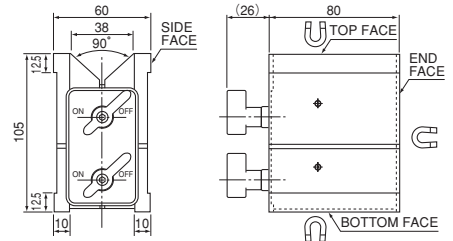## On/Off switching of upper and bottom face is possible independently.

An example of mounting

[Application]
to be used in a wide range application as holding device from marking on round bar to milling.
It is used as a holding device for measuring work on iron surface tables.

[Features]
● Work piece can be held and removed without changing fixed holding position. Working can be done effectively.
● On/Off lever is detachable.(length of each opposite side of hexagonal hole is 8mm)
● Drip-proof and oil resistance structure
● Higher accuracy finish is available.

KVA-2F1A

on/off switch can be removed

[mm(in)]

Model	Holding Power	Applicable Diameter	Dimensions			Mass
			Width	Height	Length	
KVA-2F1A	392N(40kgf) or over	φ8～φ50	60(2.36)	105(4.13)	80(3.14)	3.2kg/7.0 lb

※ The holding power applies to the V-face and φ20 round bar.　※For accuracy, see the table below

■ KVA Block/holder accuracy

(μm)

Item	Model /Accuracy	KVA-1A		KVA-2A		KVA-3A		KVA-2F1A	
		Standard	Special	Standard	Special	Standard	Special	Standard	Special
Parallelism	Bottom face to top face	10	7	15	8	20	9	10	7
	Bottom face to V face								
	End face to end face			12		15			
	Side face to V face	20		25		30		20	
Flatness of bottom face		10		15		20		10	
Squareness	Bottom face to side face	20	10	25	12	30	14	20	10